MASTER LED spot ExpertColor LV

MAS LED ExpertColor 7.5-43W MR16 927 24D

MASTER, LEDspot, MR16, 43 W, GU5.3, 2700 K, 485 lm, CRI 92, 40000 h, Plastic

MASTER, LEDspot, MR16, 43 W, GU5.3, 2700 K, 485 lm, CRI 92, 40000 h, Plastic, 64.00 lm/W, EEL G, PF 0.7, RG1, IP20

Product data

General Information	
Cap base	GU5.3
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years

Light Technical	
Colour Code	927 [CCT of 2700K]
Beam angle (nom.)	24 degree(s)
Luminous Flux	485 lm
Luminous intensity (nom.)	2,400 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	64.00 lm/W
Colour consistency	<3
Colour rendering index (CRI)	92
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	485 lm
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	7.5 W
Lamp current (nom.)	720 mA
Wattage equivalent	43 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (nom.)	ac electronic 12 V

Temperature	
T-Case maximum (nom.)	93 °C

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Controls and Dimming	
Dimmable	Only with specific dimmers

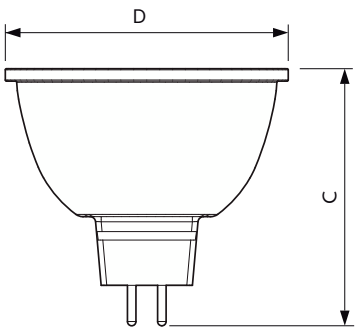
Mechanical and Housing	
Lamp Finish	Clear
Bulb material	Plastic
Bulb shape	MR16
Net Weight (Piece)	0.052 kg

Approval and Application	
Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	8 kWh
EPREL Registration Number	624208
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 to +45 °C

Application Conditions	
Wireless Technology	Not applicable

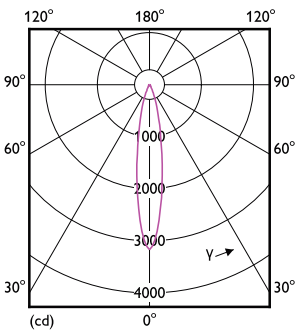
Product Data	
Order product name	MAS LED ExpertColor 7.5-43W MR16 927 24D
Full product name	MAS LED ExpertColor 7.5-43W MR16 927 24D
Full EOC	871951435865200
Order code	929003079702
Material no. (12 NC)	929003079702
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514358652
Numerator – packs per outer box	10
EAN/UPC - Case	8719514358669

Dimensional drawing

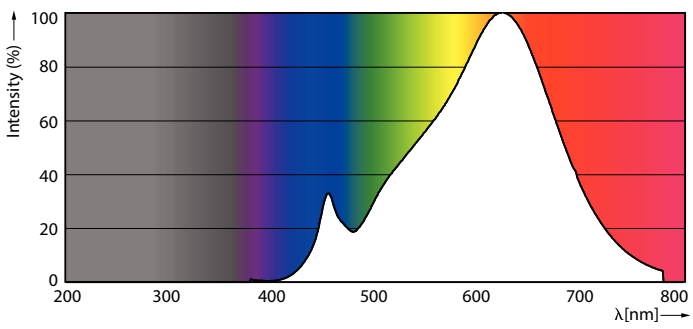


Product	D	C
MAS LED ExpertColor 7.5-43W MR16 927 24D	50.5 mm	46 mm

Photometric data



Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 927 24D



Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 927 24D

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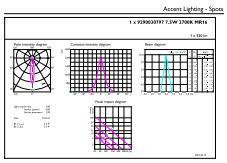
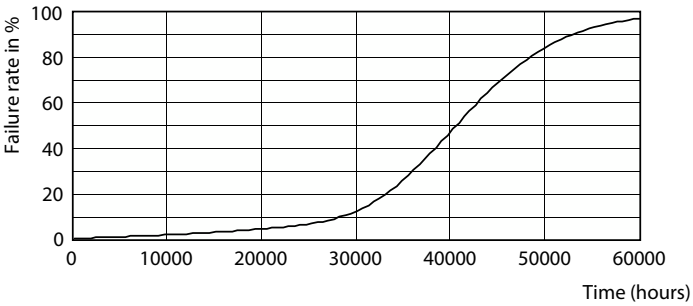
Photometric data

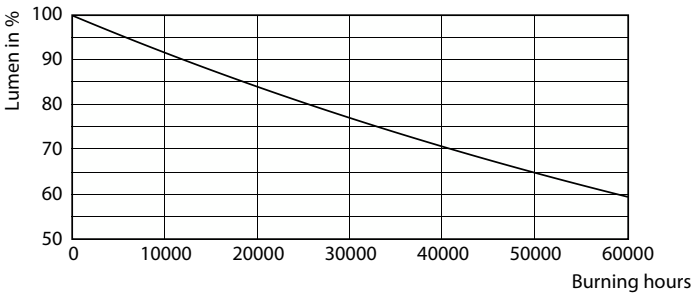


Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 927 24D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 927 24D

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